

## CLAIMS

1. An oxide-dispersion-strengthened platinum material in which dispersed particles made from a metallic oxide of an additive metal are dispersed in a matrix made from platinum or a platinum alloy, characterized in that the concentration of oxygen in the material except oxygen bound to the additive metal is 100 ppm or lower.
2. The oxide-dispersion-strengthened platinum material according to claim 1, wherein an average diameter of the dispersed particles is 0.2  $\mu\text{m}$  or smaller, an average value of distances between the particles is 0.01 to 2.7  $\mu\text{m}$ , and the concentration of the dispersed particles is 0.01 to 0.5 wt%.
3. The oxide-dispersion-strengthened platinum material according to claim 1 or claim 2, wherein the oxidation rate of the additive metal is 50 to 100%.
4. The oxide-dispersion-strengthened platinum material according to any one of claims 1 to 3, wherein the additive metal is any of zirconium, calcium, yttrium and samarium.
5. The oxide-dispersion-strengthened platinum material according to any one of claims 1 to 4, wherein the matrix is any of a platinum-rhodium alloy, a platinum-gold alloy, a platinum-rhodium-gold alloy and a platinum-iridium alloy.